DXCC OR WAZ
SO. CALIF DX CLUB

50 Years of DX-cellence

# BULLetin

No. 1 January 1998

### Next Meeting

*7:30 PM, Thursday, January 8th at Jun's Electronics, 5563 Sepulveda Blvd. (Exit the San Diego Fwy (405) at Jefferson and proceed east to Sepulveda Blvd.)*

### Cast Your Vote Then Watch a Little TV

**We'll be showing the acclaimed Heard Island Video featuring the logistics of long-term storage of junk food.**

**After that, W8DX will present ten minutes of video fright. Be prepared to be very, very scared!**

(See "Programs," Page 2)

# Tall Tales at the Proud Bird

It was a story so big it took two to tell it!. N6AA, Dick Norton, and W6XD, Art Goddard entertained SCDXC party goers with their adventures in the land of Pygmies, Cannibals and highwaymen. The well-attended fest featured many prizes. Andy, WA6WXD took home a Bird Wattmeter, W3SE snatched a Cushcraft A-3WS. See you on the WARC bands, Wes. Anyone got any cheap Bird Slugs?

Long-time club members and famous DX'ers were in attendance including K6CH, K6OJ, WB6DXU and the irrepressible W6EA. Mike, W6RW passed around a photo taken in the same room (the View Room) twenty years before by his "call-sake," Roger Mace, W6RW. Professional photographer, Roger, would set the timer and literally leap into the

(Continued on Page 5)

# It's Election Time

The January Meeting will feature election of officers. The board will present recommendations for membership approval. Here is the proposed slate of officers for 1998:

**President: Will Angenent, KN6DV**
**Vice President: Harvey Laidman, W8DX**
**Secretary: Jim Zimmerman, N6KZ**
**Treasurer: Charlotte Iseda, KB6FXS**
**Membership: Harvey Shore, K6EXO**
**Web Site: Bruce Horn, WA7BNM**
**Board:**
**Carl Gardenias, WU6D**
**Cathy Gardenias KF6LFB**
**Larry Shapiro, K6RO**

### Ballot Box Stuffing Instructions:

1.Bring several sheets of paper, lined and unlined.
2.Cut with pocket scissors to match official ballot.
3.Slip into ballot box while distracting onlookers by pulling long, red yarn out of your nose.

# Burn This *BULLetin*!

(See Centerfold, Pages 8,9)

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## RO Ramblings

by Larry Shapiro, K6RO

How time flies when you're having fun. 1997 was a great year for the SCDXC. We had record turnouts at meetings and other functions. This says a lot in a low sunspot year. The Pizza Bash was really special, with many old timers showing up to tell some GREAT stories. The Christmas party was also a great success with 63 people in attendance. I would like to thank all my board members for their hard work, and for making this year an enjoyable one. A special thanks to Will, KN6DV, who seems to have endless enthusiasm. Will is running for president, and if elected should do a fine job. You can see the complete list of nominees elsewhere in the *BULLetin*. January is election month, so be sure to make the meeting and cast your vote.

I would also like to thank the membership for their support and encouragement. We really do have a special group. Also thanks to all those members who have sent cards and well wishes to my wife Becky, as she battles cancer. She appreciates them all.

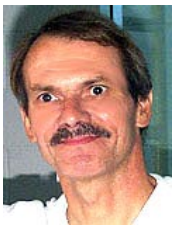
1998 should be a great year for the club and also sun spots. We should have lots of action on the bands as the SFI continues to rise. Good luck to all in 1998, health, happiness, and DX.

*...Larry, K6RO*

The Deadline for the February *BULLetin* will be January 30
Please submit as early as you can!

## 1997 Programs

by Will Angenent, KN6DV



The Christmas party was a success. A big turnout and a great program. Congratulations to all who won one of the many prizes. I am happy that everything went smoothly and looking back over the year. I think we had a pretty good year. The pizza bash is still fresh in my memory. I really liked that one and hope to see the slides again some day. I know Harv, K6EXO, has been working on bringing the "old timer's show" to Visalia.

Visalia is just around the corner (4 months from now) and things are starting to look good in the hands of a fantastic Visalia committee.

The bands have been opening up. Especially the low bands. I worked several Europeans on 160 meters. I installed K9AY's terminated loop antenna as described in the September 1997 QST. There are a few tricks to it, and if you are interested, ask me about it at our next meeting.

The program for this month will be elections and we will show the Heard Island video. Harvey W8DX has a surprise video for us, something from his own work.

Of course we have several goodies for the raffle again so come to the meeting.

Hope to see you before the meeting at Shakey's.

*...Will, KN6DV*

## Packet Spot Iron Cage Free-For-All Derby

by Harvey Shore, K6EXO

The winner this month is N6RT! He is also the TOP OF THE LIST for 1997. Congratulations on your outstanding effort!

I would like your opinion: When I started the derby I opened it to members of the SCDXC only. A number of requests have come in asking that the derby be opened to all users of the Cluster. Do you have an opinion? Send me your vote.

| Spotter | Spots | Score |
|---|---|---|
| N6RT | 161 | 175 |
| K6CU | 119 | 153 |
| WA6TLA | 88 | 100 |
| KR6C | 41 | 54 |
| WU6T | 40 | 46 |
| W6KK | 44 | 42 |
| W6AUG | 35 | 34 |
| W8DX | 25 | 32 |
| K6YUI | 4 | 31 |
| N6KZ | 30 | 30 |
| K6ZZ | 22 | 30 |
| W6EA | 11 | 30 |
| K6XT | 12 | 29 |
| W6OES | 9 | 23 |
| W6ZH | 22 | 21 |
| KK6T | 21 | 21 |
| K6FG | 14 | 21 |
| W6DN | 5 | 20 |
| W6RCL | 3 | 20 |
| AJ6A | 20 | 19 |
| K6RO | 9 | 18 |
| W6BCQ | 16 | 16 |
| KN6DV | 12 | 16 |
| K6DC | 10 | 16 |
| NI6T | 14 | 14 |
| W6LAX | 14 | 13 |
| AC6RN | 1 | 10 |
| NQ6N | 4 | 9 |
| K6FR | 2 | 9 |
| K6WS | 8 | 8 |
| K5KT | 3 | 8 |
| W6SR | 17 | 6 |
| K6YRA | 5 | 5 |

(Continued on Page 3)

## MINIPROP PLUS Predictions

by Shel, W6EL

These MINIPROP PLUS predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month. Other times are possible, but with weaker signals or lower probability. 0penings are not expected on bands that are not listed. A solar flux of 98, corresponding to a sunspot number of 41, and an average geomagnetic field are assumed. Sunrise/sunset times are at the DX location. All times are UTC.

| DX Location: | Band/Best Times: |
|---|---|
| 3D2 Rotuma - to 1/31<br>Beam 245 degrees<br>Sunrise/sunset (on 1/15) 1801/0641 | 80: 0800-1400.<br>40: 0600-1530.<br>20: 1730-0230 and 0400-0430.<br>15: 1830-0200.<br>10: 1930-2330 |
| 8Q Maldives - 1/19 to 1/28<br>Beam 342 degrees<br>Sunrise/sunset (on 1/24) 0126/1315 | 80: 1330-1430.<br>40: 1330-1500.<br>20: 1630-1730. Long path 0030-0230.<br>15: 1800-2000. |
| 7P Lesotho - 1/23 to 1/25<br>Beam 90 degrees<br>Sunrise/sunset (on 1/24) 0336/1706 | 80: 0130-0200.<br>40: 0130-0400. Long path 1600-1630.<br>20: 2300-0130. Long path 1600-1730.<br>15: 1800-2300. |
| JD1 Minami Torishima - to 2/20<br>Beam 289 degrees<br>Sunrise/sunset (on 1/25) 2032/0721 | 80: 0830-1500<br>40: 0700-1500.<br>20: 2000-0230 and around 0400.<br>15: 2100-0100. |
| FT8X Kerguelen - to 5/98<br>Beam 198 degrees<br>Sunrise/sunset (on 1/31) 0010/1501 | 40: Long path 0000-0100.<br>20: 1500-1530.<br>Long path 1530-1700 and 2330-0130. |

## QSL Corner

by Al, NS6B

| | |
|---|---|
| 5V7A | Via GD4FDM, Tom Wylie, 3 King's Crescent, Elderslie, Rendfrewshire, PA5 9AD, Scotland, U.K. |
| A71CX | Via KA5TQF |
| C6A/N5XG | Via Donald Simmonds, 5709 Aztecca Drive Fort Worth, TX, 76112 |
| CO2KK | Via W5WP (Ex-WQ5Y) |
| DL2GGA | Via DL2GGA, DL bureau. |
| HI4M | Via AD4Z, Julio Henriquez, 8875 NW 108 Street, Hialeah, Gardens, FL 33018 |
| L20XSI | Via LU6EF |
| LA8W | Via N4RRL, Box 20 Haugenstua, N-0915 Oslo, Norway |
| R97V | Via RU3VN |
| TTF0CW | LAO0X is not Manager, Possibly a Slim. |
| TM7BNV | Via F6KTG |
| TT37Y | Via F6FNU |
| JY8ZW | Via K4ZW |
| VK9LX | 9 - '95: Via W6/G0AZT |
| VK9LX | 11 - '97: Via VK2ICV |
| VQ9ZZ | Via NS1L |
| ZF2RA | Via K7AR |

**Happy New Year from Al, NS6B.**

*(Welcome back, Al.... ed.)*

## Packet Spot Derby

**(Continued)**

| Spotter | Spots | Score |
|---|---|---|
| KC6T | 5 | 5 |
| N6OU | 5 | 5 |
| W6EJJ | 5 | 5 |
| WK6E | 5 | 5 |
| KJ6ZH | 4 | 4 |
| N6AV | 4 | 4 |
| W6RJ | 4 | 4 |
| W6YY | 4 | 4 |
| W2IJ | 4 | 3 |
| AC6SN | 3 | 3 |
| N6IC | 3 | 3 |
| N6RV | 3 | 3 |
| W6AQ | 4 | 2 |
| KJ6Y | 2 | 2 |
| W6BL | 2 | 2 |
| AI6Z | 1 | 1 |
| K6DU | 1 | 1 |
| K6KT | 1 | 1 |
| K6LA | 1 | 1 |
| K6OJ | 1 | 1 |
| N6UC | 1 | 1 |
| W6MA | 1 | 1 |
| W6RW | 1 | 1 |
| W3SE | 7 | 0 |
| K6OHM | 1 | 0 |
| W8AEF | 1 | 0 |

*(The Packet Derby automatically assigns points to stations spotting DX on the packet network. High-point winner will receive a prize...ed.)*

## Dot… dot… dot…
By Guglielmo Pookah, E1EIO

**Jerry, K6AV**, ran 15 1/2 miles in the **Culver City Marathon**. "Got so winded, almost dropped my bag of **Ding-Dongs**," says Jerry... The Pookster managed to get a shot of **Nick, WB6DXU** at the Christmas *soireé* before he was dragged off by the **Fashion Police**. "At least, it's not a **bad hair day**," he moaned over the **squeak** of his **dragging heels**... In the **restroom** at the "**Bird**," the **Pook** was **hiding in a stall** and overheard several **SCDXC'ers** discussing their **1998 resolutions**... "I resolve not to **burn out** another **8877**," said **Will, KN6DV**, "It's getting **expensive** working those **JA's on 160**."... "I'm going to stay **out of the newspapers**," said **Mike, W6RW**... "I'm going to look **behind the FT-1000**," sez **Len, W6AUG**, "I know I forgot to **plug in the antenna connector**."... "I'm going to work only **left-handed, one-legged Babylonians** this year," - the challenge **Al, K6YRA** will face. **Rich, WU6T** croaked: "I'm going to be **perfectly serious** this year. **Or else**!."... We had a very slight ear strain as **Jim Zimmerman, N6KZ**, whispered this secret: "I'm planning an expedition to **Duarte**. It's a very **rare Zip code.**"... "I will not overload my tower," said **Guess Who**? (The **line** forms over there)... "I'm buying something **new** this year," says **Neil, K6SMF**... and... It may not help to be named "**Harvey**" to be a **SCDXC officer**, but it couldn't hurt. The **Pook** has a cousin named "**Harvey**," but I haven't **seen** him in years...

*DididiDahhhdi Dot...*

...Gugli

(The *BULLetin* is not responsible for Pookah's alledged observations. Gugli's portrait by 'Drew Duncan exclusively for the SCDXC *BULLetin*.)

The 1976 Christmas Party - How many can you identify? - *Thanks, W6RW (Both of 'em!)*

## Letters From Hell

Dear Whoever,

I am having a terrible problem and I'm desperate for help. I bought a wrist watch from my bank, Wells Fargo. I actually bought it from the home jewelry department of the Wells Fargo Travel Agency, a division of Wells Fargo Accident Insurance and Valet Parking. It is one of those complicated sports watches, got lot's of knobs and dials and I keep it in a drawer in my night table in case I need to know what time it is. Anyway, I haven't had any sleep since I got the damn thing because I

*(Continued on Page 7)*

The 59(9) DXReport
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Spring Brook, NY 14140

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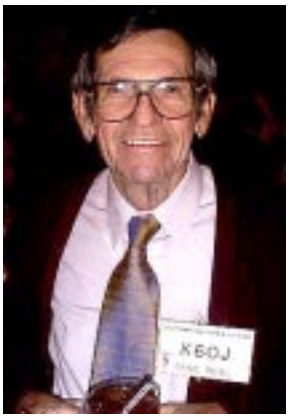
E-Mail: *the599rpt@aol.com*

## Tall Tales at The Proud Bird

Continued From Page 1

picture. Seated on the floor in the front row is Don Wallace, W6AM wearing his traditional red Christmas suit. In the DX world, the night of the Southern California DX Club Christmas Party was considered the best time to get a chance in the pile-ups!




*Photos: Left: Art, W6EA explains the ingredients in Perrier Water to Russ, K6CH. Top right, Don Bostrom, N6IC keeps Nick, WB6DXU from floating upwards. Nick was having a grounding problem. Gene, K6OJ, right, beams as he watches Art, W6EA explain the ingredients in Perrier Water.*

# *BULLetin* Editor Sought

By Cleroy Foote
*BULLetin* Staff Writer

Whew! Another big year has passed here at the *BULLetin* offices and we're finally giving old lame-o the boot. Not a moment too soon, either. We've really missed the classy look and feel of the "old" *BULLetin*. We keep looking around for Rupert Murdoch. The new editor will find it easy to win big praise for decorum and dignity. Perhaps even the Pulitzer Prize. None of that sleazy "nudie" stuff. After reading the following list of perquisites available to the Editor, I'm thinking of applying for the position myself!

The new *BULLetin* Editor may receive:

1. Rent-free living in the SCDXC *BULLetin* Mansion.
2. A stipend of one-million dollars a year.
3. A year's supply of Jungle Gardenia by Tuvaché.
4. A year's supply of Turtle Wax.
5. A loving, non-judgemental partner courtesy Great Expectations.
6. Emperorship of a small, oil-producing country.
7. Unlimited use of the *BULLetin* vehicle.
8. Gift certificate for free Liposuction, courtesy "New You" Surgical Group.

Please contact us if you are interested. This position is only open to persons living or dead.

The SCDXC *BULLetin* Mansion

# A DX'er's Revenue Stream

(Exclusive to the BULLetin)

Who am I to come up with a scheme to make you rich? Nonetheless, here I am with an idea so ripe it's swelling and it glows in the dark. Why should your bank be alone in a quest for paths to riches? While Wells Fargo is collecting 19.9% on its credit card and paying 1% on interest checking, it is also out there telemarketing you to buy overpriced credit card protection and worthless accident insurance, not to mention magazine subscriptions and cheap rubber stamps. Now, the aggressive DX'er can use otherwise profitless energy toward greater wealth! (Wow! I ought'a have my own infomercial!)

It's amazing to me that no one has realized that there is a potential audience of consumers listening intently in those DX pile-ups and all we say is "JU-LIET OS-CAR UNEE-FORM." We repeat our call signs endlessly to an audience of thousands.

Imagine the cacophony calling 5A2A. Instead of "DELTA X-RAY," I'm screaming, "DOLLAR DRIVING SCHOOL, SPECIAL ATTENTION TO THE NERVOUS, ELDERLY AND HANDICAPPED; X-FILES IS WATCHING YOU." And I'm making a fast thirty bucks!

Want to know how you can climb on to this speeding money machine? Thought so. Here's a form letter to send to your "clients:"

"Happy Paws
International Headquarters*
Greetings:

I am a world-class, federally-licensed radio operator with a call sign containing the letter 'H.' Each day, this letter is heard by thousands everywhere. I propose to transmit your slogan: 'HAPPY PAWS, A WELL BEHAVED PET EQUALS A HAPPY OWNER,' at least one-hundred times to an enormous international audience. The price for this service is only _____. Imagine, a mere _____ for international advertising! Your satisfaction guaranteed.
Cordially,"
Fill in the blanks yourself.
(*"Happy Paws" is used as an example only.)

Here are some phonetics to get you started. I've also suggested a few "Sustaining," non-profit, pro-bono ones. We all have to do our part, don't we?

A = "Andy Gump, There Is a Difference."
B = "Bell Bail Bonds, Let Freedom Ring."
C = "Catera by Cadillac."
D = "Denver, The Mile-High City."
E = "Emu – The Other Other White Meat."
F = "Flash Delivery – From a Letter To a Truckload."
G = "G and G Engine: Cylinder Heads 'R' Us."
H = "Hollywood Toy and Costume. Easy Layaway Plan."
I = "In and Out Paint and Body Centers, Mention this ad for 10 Percent off."
J = "Jujubes: The Candy With Stick-to-it-iveness."
K = "Kitchenaid. No rinsing."
L = "Lindora, Recognized by National Obesity Experts."
M = "Marriage Minded. Meet Selective, Lovely Ladies." (or: "Mothers against Drunk Drivers.")
N = "Neptune Society: Simplicity, Dignity, Economy." (or: "No Nukes.")
O = "Orkin. Ask About our 'Orkinguard' Termite Guarantee."
P = "Prestige Overhead Door, 24 Hour Service Except Sundays."
Q = "Q-Tips – The Polite Way to Pick Your Nose."
R = "Recon-1. Over 2000 Different Knives."
S = "Sofa Direct, Comfort and Quality at Factory Direct Prices."
T = "Tile King, Prompt Service Since 1957."
U = "Underwear Depot. Our Elastic Doesn't Stretch."
V = "Vacuum Center, a Division of Suction City. We Carry Bags."
W = "Wells Fargo, Anytime Anywhere Banking."
X = "Xerox – The Document Company."
Y = "Yummy Yogurt. A Pint A Day."
Z = "Zuccini Growers of America. Try our Wartless."

Can you imagine the DX Station saying: "Go ahead the station with the moneyback guarantee?" Have you ever felt stupid after having been sucked into a telemarketer's spiel? Here's your chance to join the other side. At last, you have a really good reason to become a DX-er – MONEY. This won't work on closed bands or repeaters. It will work on Satellite, so get out that "el" rotor.

Now that the solar flux is inching up over 100, we need an incentive to get more DX on the air. How about a 10 percent commission? Consider full color ads on your QSL card.

Unfortunately, this scheme doesn't work on CW, but we'll think of something. Until then, this is "Weisberg Meats," 8, "Dortmunder Brewing Company," "X-Rated Lingerie of Pittsburgh," signing off.

*(There's a whole bunch of Trademarks and Servicemarks in this tome. Their ownership by their parent companies is acknowledged.)*

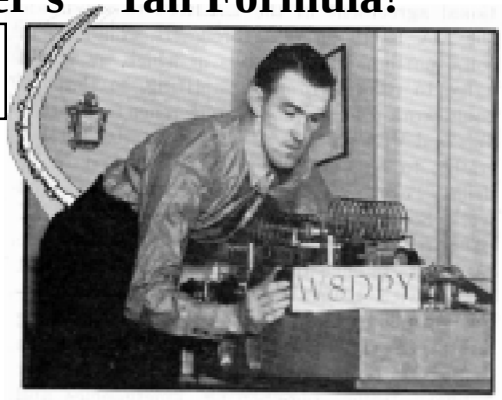
# Acme Appendage Presents:

## The New, Improved DX'er's Tail Formula!

**Grow a big one and work the rare ones**

- **Non-stop contest operation.**
- **Achieve perfect balance.**
- **Stay cool and...**
- **Keep flies away!**
- **Impress your friends.**

"I can send 35WPM with my tail. Now I can log with both hands!"... K8CW



WALTER STILES, JR., TUNING UP THE BIG RIG AT W8DPY

"I fill up before the contest and don't eat for 48! My girl friend likes it, too." ...P40V

**Grow your ACME APPENDAGE today. Specify POWDER or easy-to-use CREME. ACME APPENDAGE. 1-800-GET TAIL**

Iris says: "I like 'em big, hairy, with a little bit of curl."

***Guaranteed 31 Inches by the ARRL DX Contest.***


| | |
|---|---|
| Club Repeater: | W6AM/R<br>145.48 MHz, 100 Hz PL |
| BULLetin Editor: | Harvey Laidman, W8DX<br>4923 Encino Terrace<br>Encino, California 91316<br>(818) 784-9501<br>(818) 986-8850 (FAX)<br>HarveyL@outadaloop.com<br>http://outadaloop.com (Web Site) |
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## Letters From Hell

**(Continued)**

can't stop it from beeping! I tried all the buttons and I even tried to read the instructions, but the printing is so dadburned small, I can't make it out. Even when I recognize a word, it don't make no sense: "Operate the on button off." I tried to bury it under pillows, and I even put it in the refrigerator, but I can still hear it! It's diving me NUTS!

Anyways, I tried to call Wells Fargo Watch Company, but they ain't in the list that lady gives and when I finally get a person, they say they are charging me five dollars! Can you help me? I am going MAD, I tell you, MAD!

Egma Bates
Revenue Stream, RI

*Dear Egma,*

*Here at the* BULLetin, *we feel your pain. Luckily, we are DX'ers, deeply versed in red tape and revenue streams. Simply take your watch to your friendly Wells Fargo ATM machine. Place it in one of the handy envelopes. Enter the exact amount you paid for it, including the telephone charges, wait until the chute opens and deposit it in your checking account.*

Cut here

**DX Accomplishments** (return to: Bruce Horn, 4225 Farmdale Ave., Studio City, CA 91604)

Call _____ Name _____ Date _____

Please complete the following based on your **confirmed**, mixed-mode country or zone totals:

DXCC Totals: Active Countries (329 max) _____ Total Countries (including deleted) _____

Are you currently on the Honor Roll ? ☐ Yes ☐ No 5BDXCC ? ☐ Yes ☐ No

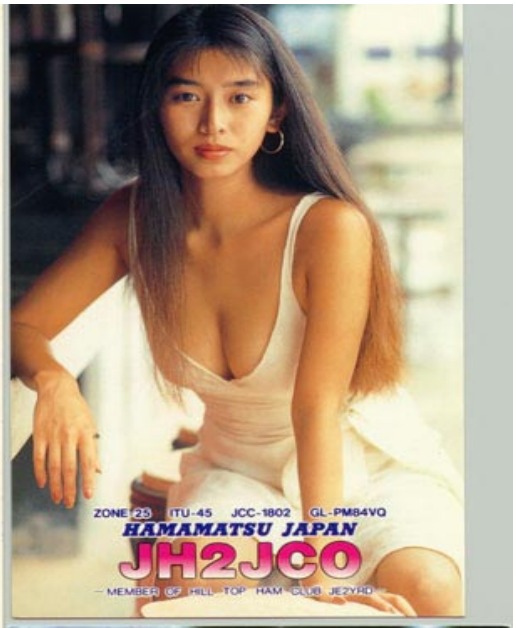
Low Bands (Active Countries Only): 160-meters _____ 80-meters _____ 40-meters _____

WARC Bands (Active Countries Only): 30-meters _____ 17-meters _____ 12-meters _____

WAZ Basic Award (40 Zones) ? ☐ Yes ☐ No

Confirmed Zones: 160m____ 80m____ 40m____ 30m____ 20m____ 17m____ 15m____ 12m____ 10m ____

# BULLetin Centerfold Pages



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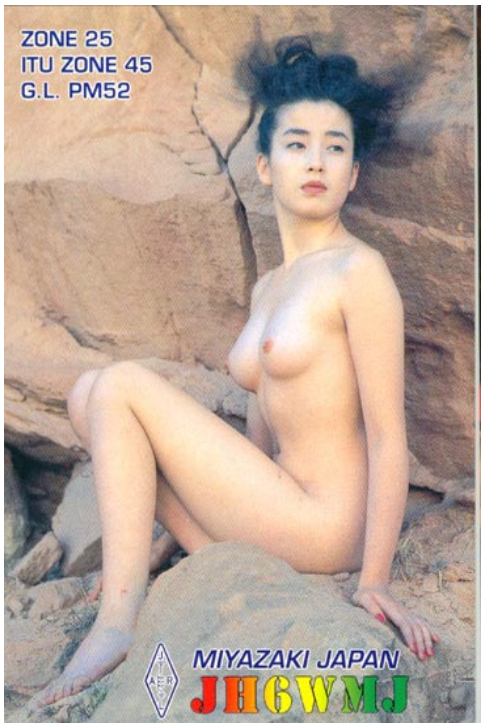

## Heard and Worked
by Mark Weiss, K6FG

*Signals don't get to the sunny shores of Southern California like they get everywhere else. Sometimes, a band is open for just a few minutes. Sometimes, a rare country appears at a crazy time or frequency. Here are selected reports from local stations. Send <u>your</u> report for January to the Editor.*

| Date | Time | Mode | DX |
|---|---|---|---|
| 160 | | | |
| 12/6 | 0344 | CW | KH7R |
| 12/6 | 0359 | CW | 3E1DX* |
| 12/17 | 0342 | CW | C6AIE* |
| 80 | | | |
| 12/3 | 0610 | CW | 5A2A* |
| 12/4 | 0644 | CW | ZK1DI |
| 12/7 | 0626 | CW | DL8WN |
| 12/7 | 0632 | CW | OZ7C |
| 12/9 | 0413 | CW | DL8WN |
| 12/9 | 0600 | CW | HA8BE |
| 12/9 | 0646 | SSB | 9A8A |
| 12/9 | 0651 | SSB | DJ3ST |
| 12/9 | 0719 | CW | EA1DAV |
| 12/13 | 1448 | CW | 3W5FM |
| 12/26 | 0512 | CW | LY2ZZ |
| 12/26 | 0526 | CW | DJ7AA |
| 12/26 | 0530 | CW | DL4NAC |
| 12/26 | 0540 | CW | OM5DX |
| 12/26 | 0654 | CW | OM5DX |
| 12/26 | 0700 | CW | 9A2AJ |
| 12/26 | 0703 | CW | LY1ZZ |
| 12/26 | 0718 | SSB | TK/DL7HZ |
| 12/26 | 0720 | SSB | JW5NM* |
| 12/26 | 0725 | CW | S51BO |
| 12/26 | 0727 | CW | OZ7C |
| 12/26 | 0727 | CW | OE3GSA |
| 12/26 | 0732 | CW | PA0CLN |
| 40 | | | |
| 12/2 | 0227 | CW | 5A2A* |
| 12/3 | 0446 | CW | EK6GC |
| 12/3 | 0543 | CW | 5A2A* |
| 12/4 | 0050 | CW | 8Q7DV |
| 12/5 | 0711 | CW | 9A8A |
| 12/6 | 0747 | CW | ZB2AZ |
| 12/7 | 0122 | CW | UT2EA |
| 12/7 | 0216 | CW | DL1CW/HI3 |
| 12/7 | 0148 | CW | UT2EA |
| 12/7 | 0527 | CW | 4Z5IU |
| 12/7 | 0534 | CW | DK1CY |
| 12/7 | 0540 | CW | HA0HW |
| 12/7 | 0540 | CW | RA4HX |
| 12/7 | 0543 | CW | US0SU |
| 12/7 | 0545 | CW | DF1DV |
| 12/7 | 1445 | CW | 6C50O |
| 12/11 | 1339 | CW | BD4ED |
| 12/11 | 1347 | CW | JE1PMQ |
| 12/13 | 0147 | CW | 3XA8DX* |
| 12/14 | 1305 | CW | JW1BJA |
| 12/15 | 0617 | CW | S59A |
| 12/16 | 1447 | CW | DS1BHE |
| 12/16 | 1456 | CW | OM5DP |
| 12/16 | 1506 | CW | 3D2QB |
| 12/17 | 0516 | CW | TZ6HP* |
| 12/18 | 1047 | CW | 8P9EM |
| 12/18 | 1050 | CW | DL1DA/HI8 |
| 12/19 | 0639 | CW | HJ1RRL |
| 12/19 | 1557 | CW | 9M2TO |
| 12/23 | 0104 | CW | LU1ZC |
| 12/23 | 1522 | CW | HS6CMT/3 |
| 12/23 | 1527 | CW | VK9XU |
| 12/26 | 1413 | CW | OH1MA |
| 12/26 | 1434 | CW | RK3TYA |
| 12/26 | 1447 | CW | S58A |
| 12/26 | 1451 | CW | S52ZW |
| 12/26 | 1453 | CW | 4X4WN |
| 30 | | | |
| 12/2 | 0149 | CW | ER100 |
| 12/3 | 0212 | CW | DL2GGA/HI3 |
| 12/5 | 0716 | CW | DL1CW/HI3 |
| 12/6 | 2357 | CW | HB9FBT |
| 12/7 | 0002 | CW | HB9HFN |
| 12/7 | 0009 | CW | YO2LEA |
| 12/7 | 0022 | CW | HA8JV |
| 12/7 | 0223 | CW | 3B8FG |
| 12/9 | 0354 | CW | 3DA0CA |
| 12/9 | 0353 | CW | 3DA0CA |
| 12/11 | 0010 | CW | 3XA8DX* |
| 12/11 | 0447 | CW | ZK1DI |
| 12/13 | 0113 | CW | 3XA8DX* |
| 12/15 | 0012 | CW | 3XA8DX* |
| 12/17 | 0609 | CW | ZK1DI |
| 12/17 | 1405 | CW | BD4ED |
| 12/17 | 1429 | CW | YB5QZ |
| 12/18 | 1544 | CW | 7X2RO |
| 12/23 | 0041 | CW | 4N7ZZ |
| 12/25 | 1632 | CW | OM3LA |
| 12/27 | 1504 | CW | UR4WWT |
| 12/28 | 0110 | CW | LU1ZC |
| 20 | | | |
| 11/26 | 1520 | SSB | 5A2A* |
| 12/1 | 1540 | SSB | 3A2MD |
| 12/2 | 1504 | TTY | ZF2LH |
| 12/5 | 1618 | CW | GB100IOW |
| 12/8 | 1713 | CW | 3E1DX* |
| 12/9 | 2129 | CW | 3XA8DX* |
| 12/10 | 1735 | CW | OX3FV |
| 12/14 | 2152 | TTY | TT8JFC* |
| 12/25 | 2005 | TTY | J8/DF2SS |
| 12/27 | 1634 | TTY | IS0QDV |
| 12/27 | 1653 | TTY | EI5IF |
| 12/28 | 1457 | TTY | S52CI |
| 12/30 | 1630 | CW | 3A0X |
| 17 | | | |
| 12/3 | 1550 | CW | HI3/DL2GGA |
| 12/5 | 1511 | SSB | OK1AWZ |
| 12/6 | 1926 | CW | 3E1DX* |
| 12/6 | 1928 | CW | 9J2DR |
| 12/6 | 1649 | CW | Z32ZM |
| 12/8 | 1515 | SSB | EA6MQ |
| 12/8 | 1541 | CW | LX8DL |
| 12/9 | 1522 | CW | I6LVT |
| 12/9 | 1535 | CW | DF3IS |
| 12/14 | 1553 | CW | 3XA8DX* |
| 12/18 | 1529 | CW | LX60RL |
| 12/21 | 1628 | CW | F5ICC |
| 12/23 | 1702 | CW | C56/JA1OEM |

## Maxine Willis, W6UHA

Died Tuesday, December 23, 1997 at her home in Grants Pass, Oregon. Her funeral was held at Woodlawn Cemetery in Santa Monica, California.

Maxine was born September 17, 1913 at Pittsburg, Kansas. She was married to Ed Willis, W6TS. After Ed died in 1989, she moved to Grants Pass to be near her family. She was a long time member of the Southern California DX Club and the A-1 Operator's Club. She maintained a lifelong interest in DX'ing. She is survived by a niece, a nephew, four grandnieces, four great-grandnieces and four great-grandnephews.

*(Thanks to W6RT and to Nancy Pyle of the Grants Pass <u>Daily Courier</u>)*

## Heard and Worked

(Continued)

| | | | |
|---|---|---|---|
| 15 | | | |
| 11/27 | 1646 | SSB | IH9/IT9FXY |
| 11/28 | 1605 | SSB | 5A2A* |
| 11/28 | 1745 | SSB | 5R8EE |
| 12/6 | 1545 | TTY | EI6HV |
| 12/6 | 1557 | TTY | CN8NK |
| 12/13 | 2243 | CW | KH2D/KH0 |
| 12 | | | |
| 12/4 | 1615 | SSB | 3B8RF |
| 12/5 | 1641 | SSB | 3DA0CA* |
| 12/7 | 1641 | CW | 3E1DX* |
| 12/30 | 1640 | CW | LU1ZC |
| 10 | | | |
| 12/13 | 1525 | SSB | ZX5J |
| 12/13 | 1527 | SSB | LQ0N |
| 12/13 | 1533 | SSB | YY5OGI |
| 12/13 | 1535 | SSB | P43E |
| 12/13 | 1537 | SSB | 4M5E |
| 12/13 | 1542 | SSB | FM5BH |
| 12/13 | 1549 | SSB | ZS6BRZ |
| 12/14 | 1635 | SSB | OA4DBO |
| 12/14 | 1639 | SSB | LU8ADX |
| 12/14 | 1642 | SSB | LU1VV |
| 12/14 | 1647 | SSB | LU9VY |
| 12/14 | 1651 | SSB | CV1A |

* QSL Routes

| | |
|---|---|
| 3DA0CA | W4DR |
| 3E1DX | KU9C |
| 3XA8DX | DJ6SI |
| 5A2A | DL3KDV |
| C6AIE | WZ6D |
| JW5NM | LA5NM |
| TT8JFC | WA4ZJB |
| TZ6HP | JA1OEM |

(Thanks to K6FG, W8DX, K6YRA)

## Ham Puzzle

**by Milt, W6RJO**

Here's the solution to last month's puzzler: From a Realtor Handbook, or the formula. Principal, P, = 330, Countries, M = 3, and monthly interest, r, = 6 percent, divided by 12, = .005. **The answer is N = 160 months**, or about 13 years to confirm 'em all. The reason it takes so long is the slow monthly rate of confirmations (Ahh, yes!). Also, 330 countries divided by three per month yields 110 months, not the correct 160 because it doesn't include the confirmation delay that reduces the effective number of confirmed QSO's added to the equity in this model.

This puzzle may have been a bit abstract for our engineering types, but nonetheless, **Shel, W6EL**, came up with the correct answer. He's turned in a clean sweep of all the puzzles to date, and his pockets are overflowing with prizes. He has generously donated this month's prize to the **Glass Arm Foundation**. Thank you, Shel!

*Here is the January Puzzler. Good luck:*

**"Visalia Bound in an Electric Car"**

"VH" (Veteran Ham) became a party to an arrangement whereby he drives to Visalia in an Electric car. It's a promotional arrangement with an upstart electric car company. He can't take along a rig this time, but if all goes well, he'll have a kilowatt mobile rig next time. Visalia is about 150 miles from Los Angeles, but the car battery range is only 75 miles. He has a spare battery which he can switch in as needed, giving 150 miles when both batteries are fully charged.

He found out that, besides Los Angeles, there are only two recharge stations enroute: One, 50 miles out at Tejon Pass, and one in Fresno, 200 miles from Los Angeles. "VH" wants to not only drive to Visalia and enjoy the convention, but also "whiz" around in the electric car while there. What is his round trip route and how many total miles does he drive?

*(Send your solution to the BULLetin Editor, email, post, FAX okay)*

Cut here

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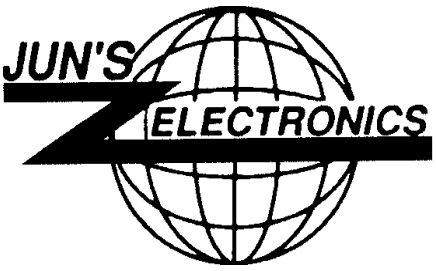


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